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#4  
PATENT  
UVMO:007US

### DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **A DNA MARKER FOR CATTLE GROWTH**, the Specification of which:

- ☐ is attached hereto.  
☒ was filed on **July 19, 2001** as Application Serial No. **09/910,428**.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent, United States provisional application(s), or inventor's certificate listed below and have also identified below any foreign application for patent, United States provisional application, or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIORITY APPLICATION(S)			Priority Claimed
60/219,180	USA	July 19, 2000	YES
(Number)	(Country)	(Date Filed)	Yes/No
(Number)	(Country)	(Date Filed)	Yes/No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below or any PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56, which become available between the filing date of the prior application and the national or PCT international filing date of this application: NONE.

(Application Serial No.) (Filing Date) (Status)

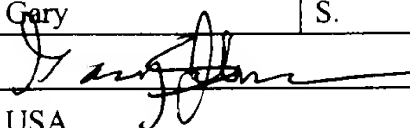
(Application Serial No.) (Filing Date) (Status)

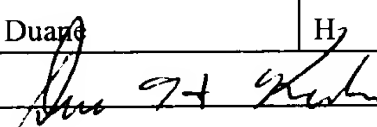
I hereby direct that all correspondence and telephone calls be addressed to Robert E. Hanson, Fulbright & Jaworski L.L.P., 600 Congress Avenue, Suite 2400, Austin, Texas 78701, (512) 474-5201.

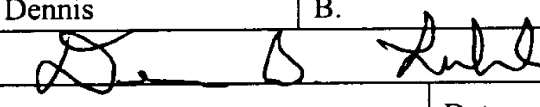
I HEREBY DECLARE THAT ALL STATEMENTS MADE OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE; AND FURTHER THAT THESE STATEMENTS WERE MADE WITH THE KNOWLEDGE THAT WILLFUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED STATES CODE AND THAT SUCH WILLFUL FALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION OR ANY PATENT ISSUED THEREON.

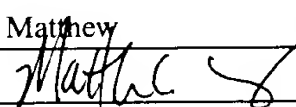
Inventor's Full Name:	Chad	S.	Hale
Inventor's Signature:	<i>Chad S. Hale</i>		
Country of Citizenship:	USA	Date:	3/6/02
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Inventor's Signature:	<i>William O. Herring</i>		
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Post Office Address: (if different from above)			

Inventor's Full Name:	Gary	S.	Johnson
Inventor's Signature:			
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Inventor's Full Name:	Duane	H.	Keisler
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Post Office Address: (if different from above)			

Inventor's Full Name:	Dennis	B.	Lubahn
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Inventor's Full Name:	Matthew	S.	Lucy
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Residence Address: (street, number, city, state, and/or country)	115 Park Hill Avenue Columbia, MO 65203		
Post Office Address: (if different from above)			

Inventor's Full Name:	H. <sup>H.S.</sup> Hisashi	Shibuya
Inventor's Signature:	<i>Hisashi Shibuya</i>	
Country of Citizenship:	JAPAN	Date: Feb 18, 2002
Residence Address: (street, number, city, state, and/or country)	3-492-1-910 Matumichou Kanagawa-Ku, Yokohama Kanagawa 221-0005	
Post Office Address: (if different from above)	JAPAN	



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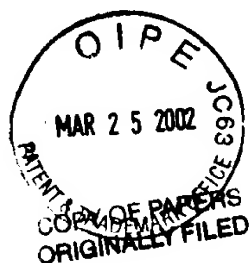
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
William O. Herring  
Chad S. Hale  
Gary S. Johnson

Serial No.: 09/910,428

Filed: July 19, 2001

For: A DNA MARKER FOR CATTLE  
GROWTH



Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: UVMO:007US/SLH

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ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73  
AND POWER OF ATTORNEY

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned, being Assignee of record of the entire interest in the above-identified application by virtue of an assignment recorded in the United States Patent and Trademark Office as set forth below, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventor.

The Assignee hereby revokes any previous Powers of Attorney and appoints:

Louis T. Pirkey, Reg. No. 22,393; David D. Bahler, Reg. No. 30,932; David L. Parker, Reg. No. 32,165; Richard J. Groos, Reg. No. 32,231; Stephen D. Dellett, Reg. No. 32,564; William G. Barber, Reg. No. 33,154; Michael S. Metteauer, Reg. No. 34,875; John J. Bruckner, Reg. No. 35,816; Mark B. Wilson, Reg. No. 37,259; Daniel J. Brennan, Reg. No. 37,287; Steven L. Highlander, Reg. No. 37,642; Erik R. Nordstrom, Reg. No. 39,792; Stephen P. Meleen, Reg. No. 40,724; Robert E. Hanson, Reg. No. 42,628; Thomas M. Boyce, Reg. No. 43,508; Michael C. Barrett, Reg. No. 44,523; Mark T. Garrett, Reg. No. 44,699; Gina N. Shishima, Reg. No. 45,104; and Priya D. Subramony, Reg. No. P-50,939;

each an attorney or agent of the firm of FULBRIGHT & JAWORSKI L.L.P., as its attorney or agent for so long as they remain with such firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent, and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Pursuant to 37 C.F.R. § 3.73, the undersigned has reviewed the evidentiary documents, specifically the Assignment to The Curators of the University of Missouri, referenced below, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Please direct all communications as follows:

Robert E. Hanson  
FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
(512) 474-5201

ASSIGNEE:  
THE CURATORS OF THE UNIVERSITY OF  
MISSOURI

By: Thomas R. Sharpe  
Name: Thomas R. Sharpe  
Title: Executive Director  
Date: 8 March 2002

ASSIGNMENT:

☒ Concurrently filed  
☐ Previously recorded  
Date: \_\_\_\_\_  
Reel: \_\_\_\_\_  
Frames: \_\_\_\_\_